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This is to certify that the work entitled, "DELIMITATION OF SPHERE OF INFLUENCE OF KOLHAPUR CITY : A SPATIAL PERSPECTIVE" is the bonafide and original research work carried out by Mr. PRATAPRAO P. UBALE under my guidance in the Department of Geography, Shivaji University, Kolhapur.

(Dr.A.D.Mulik) Research Guide

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Dr. A. D. Mulik

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